

Hot & Cold Water Distribution Systems



AquaRISE®

POTABLE WATER SYSTEMS

- Potable Water System for Commercial, Industrial & High-Rise Buildings
- Available in 1/2" to 4" Iron Pipe Size (IPS) diameters
- Continuous working pressure up to 400 psi at 73°F



IPEX
Committed to Excellence

We build tough products for tough environments®

AquaRise[®] SAVINGS

without compromising PERFORMANCE

AquaRise[®], a hot and cold potable water distribution system for commercial, industrial and high-rise buildings. Based on over 15 years experience designing and manufacturing industry-leading CPVC systems, AquaRise offers numerous benefits over metal with a system that's fully-approved for noncombustible applications.

AquaRise also comes with technical support and jobsite trouble-shooting – all from one reliable supplier.

A SOLID ALTERNATIVE TO METAL

Compare AquaRise to traditional metal systems, and AquaRise proves itself a strong, highly-engineered and affordable improvement over copper. Manufactured tough and robust, AquaRise performs as well as — and in many cases, better than — metal, offering a rugged system that meets all required standards. At the same time, AquaRise costs less than copper, yielding significant project savings. Thanks to its superior durability, these cost savings will pay off even more in years to come. AquaRise's corrosion resistance ensures a longer, maintenance-free life and better performance over the long-term.

PROJECT SAVINGS

IPEX created AquaRise to be a system that saves valuable time and money on the job site. Its simple solvent cement system makes AquaRise fast and easy to assemble. No expensive certified training is needed, and no flames or torches are required during installation, reducing job site safety risks. In addition, AquaRise sweats less than metal pipe due to its excellent insulating properties. As a result, it can reduce the need for insulation, lowering overall job costs. AquaRise also represents a lower risk of job site theft.

Proven strength, competitive price, easy installation — what all this adds up to is significant time and cost-savings for contractors and building owners over the long term.



AquaRise is ideally suited for hot and cold water distribution through mains, laterals and risers.



AquaRise is also ideal for smaller diameter plumbing applications including laterals, distribution lines and branch lines.

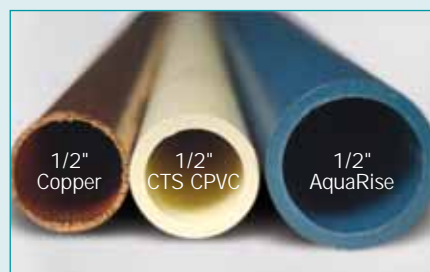


Transition fittings enable easy connections to other materials for greater job-site flexibility.

AquaRise interior & exterior walls remain smooth in any service condition, unlike metal which, over time, will rust, pit, scale & corrode.



AquaRise inside diameters are on average 22% larger than CTS CPVC systems for better operating flow rates and less pressure loss.



AquaRise comes in a wide range of Iron Pipe Size (IPS) diameters from 1/2" to 4". Standard pipe lengths are 10'.



ENGINEERED SYSTEM PERFORMANCE

✓ BETTER LONG-TERM PERFORMANCE

Unlike metal piping which may pit, scale and degrade over time, AquaRise's rugged thicker walls and excellent corrosion resistance ensure years of consistent flow and maintenance-free performance, even in demanding hot water recirculation applications.

✓ FULLY-CERTIFIED COMPLIANCE

Designed to be safely used in hot and cold water distribution systems, AquaRise complies with the following:

- CSA B137.6 (CPVC Pipe, Tubing and Fittings for Hot and Cold Water Distribution Systems)
- NSF 61 (Potable Water Classification)
- CAN/ULC-S102.2

✓ FULL FLAME & SMOKE LISTINGS

Listed to the CAN/ULC-S102.2 standard, AquaRise achieved a Flame Spread rating of not more than 25 and a Smoke Development classification of not more than 50. Unlike competitive products, AquaRise does not need insulation to achieve certification. Ideal for noncombustible applications, AquaRise is code compliant to the following sections of the National Building Code of Canada:

- High-rise buildings as defined by NBC article 3.2.6
- Air plenums as defined by NBC article 3.6.4.3
- Noncombustible buildings as defined by NBC article 3.1.5.16

✓ PERMANENT JOINING SYSTEM

IPEX supplies high quality CPVC cement, primer and applicators for enabling tough, permanent welded pipe-fitting connections.

✓ ONE-STEP CEMENT KIT

Mandatory for sizes 1/2" – 2"

✓ TWO-STEP CEMENT KIT

Mandatory for sizes 2-1/2" – 4"



For small and large size ranges, BOTH products are certified to CSA B137.6 and listed to NSF 61.

Cements are sold as a kit coming complete with necessary applicators and installation instructions.



■ Lower thermal conductivity of plastic can reduce the need for insulation

■ Tough CPVC compound for corrosion resistance, physical durability and longer life

■ Greater sound attenuation resulting from an SDR-11 wall thickness coupled with the inherent properties of the material

■ SDR-11 pipe wall is on average twice as thick as copper for toughness and strength

■ Robust fittings are on average 16% thicker than competing plastic fittings for strength and durability

SALES AND CUSTOMER SERVICE

IPEX Inc.

Toll free: (866) 473-9462

www.ipexinc.com

About the IPEX Group of Companies

As leading suppliers of thermoplastic piping systems, the IPEX Group of Companies provides our customers with some of the largest and most comprehensive product lines. All IPEX products are backed by more than 50 years of experience. With state-of-the-art manufacturing facilities and distribution centres across North America, we have earned our reputation for product innovation, quality, end-user focus and performance.

Markets served by the IPEX Group of Companies include:

- Electrical systems
- Telecommunications and utility piping systems
- Industrial process piping systems
- Municipal pressure and gravity piping systems
- Plumbing and mechanical piping systems
- PE Electrofusion systems for gas and water
- Industrial, plumbing and electrical cements
- Irrigation systems
- PVC, CPVC, PP, PVCO, ABS, PEX, FR-PVDF, NFRPP, FRPP, HDPE, PVDF and PE pipe and fittings (1/2" – 48")

Products manufactured by IPEX Inc.

The colour of the AquaRise® pipes and fittings is a trademark of IPEX Branding Inc. AquaRise® is a trademark of IPEX Branding Inc.

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A policy of ongoing product improvement is maintained. This may result in modifications of features and/or specifications without notice.

